

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO.		APPLICATION NO.	
				16515.054 (52015/01/US)		09/688,069	
SEP 2 1 2001 PATENT & TRADEMARK OFFICE				APPLICANTS			
				Sai S. SUBRAMANIAM <i>et al.</i>			
FILING DATE				GROUP			
October 14, 2000				1638			
PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RK	AA1	5,545,816	08/13/96	Ausich <i>et al.</i>			
RK	AB1	5,876,964	03/02/99	Croteau <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
RK	AC1	0 674 000	09/27/95	Europe	C12N	9/10	X Yes No
RK	AD1	0 763 542	03/19/97	Europe	C07K	14/195	X Yes No
RK	AE1	1 033 405	09/06/00	Europe	C12N	15/29	X Yes No
RK	AE1	1 063 297	12/27/00	Europe	C12N	15/82	X Yes No
RK	AG1	97/27285	07/31/97	PCT	C12N	1/20	X Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
RK	AH	1	Bevan <i>et al.</i> , Database EMBL, Accession No. AL035394 (02/09/99) (XP 002153686)				
RK	AI	1	Desprez <i>et al.</i> , Database EMBL, Accession No. Z34566 (06/25/94) (XP 002169121)				
RK	AJ	1	Gaubier <i>et al.</i> , "A Chlorophyll Synthetase Gene from <i>Arabidopsis thaliana</i> ," <i>Mol. Gen. Genet.</i> , 249:58-64 (1995)				
RK	AK	1	Gaubier <i>et al.</i> , Database EMBL Accession No. Q38833 (11/01/96) (XP 002169117)				
RK	AM	1	Kaneko <i>et al.</i> , Database TREMBL, Accession No. P73726 (02/01/97) (XP 002169263)				
RK	AM	1	Kaneko <i>et al.</i> , Database TREMBL, Accession No. P73727 (02/01/97) (XP 002169264)				
RK	AN	1	Kaneko <i>et al.</i> , Database TREMBL, Accession No. P73962 (07/15/98) (XP 002169129)				
RK	AM	1	Kuntz <i>et al.</i> , "Identification of a cDNA for the Plastid-Located Geranylgeranyl Pyrophosphate Synthase from <i>Capsicum annuum</i> : Correlative Increase in Enzyme Activity and Transcript Level during Fruit Ripening," <i>The Plant Journal</i> , 2(1):25-34 (1992)				
RK	AP	1	Li <i>et al.</i> , "Identification of a Maize Endosperm-Specific cDNA Encoding Farnesyl Pyrophosphate Synthetase," <i>Gene</i> , 171:193-196 (1996)				
RK	AQ	1	Lin <i>et al.</i> , Database EMBL, Accession No. AC003672 (12/11/97) (XP 002153688)				
RK	AR	1	Lin <i>et al.</i> , Database EMBL, Accession No. AC003673 (12/11/97) (XP 002153685)				
EXAMINER						DATE CONSIDERED	
Russell Kallis						12/09/02	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA2					
	AB2					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
RK	AC2	98/06862	02/19/98	PCT	C12N	15/82	X	Yes
							No	
RK	AD2	99/04622	02/04/99	PCT	A01H	5/00	X	Yes
							No	
RK	AE2	99/06580	02/11/99	PCT	C12N	15/82	X	Yes
							No	
RK	AF2	99/07867	02/19/98	PCT	C12N	15/82	X	Yes
							No	
RK	AG2	00/01650	01/13/00	PCT	C07C	45/41	X	Yes
							No	

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RK	AH	2	Lin <i>et al.</i> , Database EMBL, Accession No. AC004077 (02/03/98) (XP 002169118)
RK	AI	2	Lopez <i>et al.</i> , "Sequence of the <i>bchG</i> Gene from <i>Chloroflexus aurantiacus</i> : Relationship between Chlorophyll Synthase and Other Polyprenyltransferases," <i>Journal of Bacteriology</i> , 178(11):3369-3373 (1996)
PK	AJ	2	Malakhov <i>et al.</i> , Database TREMBL, Accession No. Q55207 (11/01/96) (XP 002169125)
RK	AK	2	Murata <i>et al.</i> , Database EMBL, Accession No. D13960 (03/28/96) (XP 00 2169124)
RK	AL	2	Newman <i>et al.</i> , Database EMBL, Accession No. T44803 (02/04/95) (XP 002169120)
RK	AM	2	Newman <i>et al.</i> , Database EMBL, Accession No. R30625 (08/11/95) (XP 002153690)
RK	AN	2	Norris <i>et al.</i> , "Genetic Dissection of Carotenoid Synthesis in Arabidopsis Defines Plastoquinone as an Essential Component of Phytoene Desaturation," <i>The Plant Cell</i> , 7:2139-2149 (1995)
RK	AO	2	Oster <i>et al.</i> , "The G4 Gene of <i>Arabidopsis thaliana</i> Encodes a Chlorophyll Synthase of Etiolated Plants," <i>Bot. Acta</i> , 110:420-423 (1997)
RK	AP	2	Oster <i>et al.</i> , Database Biosis, Accession No. PREV199800047824 (10/1997) (XP 002153691)
RK	AQ	2	Rounsley <i>et al.</i> , Database EMBL, Accession No. B24116 (10/13/97) (XP 002153687)
RK	AR	2	Rounsley <i>et al.</i> , Database EMBL, Accession No. B29398 (10/13/97) (XP 002153689)
RK	AS	2	Rounsley <i>et al.</i> , Database TREMBL, Accession No. 064684 (08/01/98) (XP 002169119)
RK	AT	2	Scolnik <i>et al.</i> , Database EMBL, Accession No. L40577 (04/15/95) (XP 002153692)

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APPLICANTS

Sai S. SUBRAMANIAM *et al.*

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA3					
	AB3					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
RK	AC3	00/14207	PCT	C12N	9/10	X Yes No
RK	AD3	00/22150	PCT	C12N	15/82	X Yes No
RK	AE3	00/61771	PCT	C12N	15/82	X Yes No
RK	AF3	00/68393	PCT	C12N	15/54	X Yes No
RK	AG3	01/21650	PCT	C07K	14/00	X Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RK	AH	3	Shoemaker, Database EMBL, Accession No. A1748688 (06/29/99) (XP 002169135)
RK	AI	3	Shoemaker <i>et al.</i> , Database EMBL, Accession No. A1938569 (08/03/99) (XP 002169133)
RK	AJ	3	Shoemaker <i>et al.</i> Database EMBL, Accession No. A1988542 (09/07/99) (XP 00 2169132)
RK	AK	3	Shoemaker <i>et al.</i> , Database EMBL, Accession No. AW306617 (01/21/00) (XP 00 2169134)
RK	AL	3	Tabata <i>et al.</i> , Database EMBL, Accession No. D64001 (09/30/95) (XP 002169126)
RK	AM	3	Tabata <i>et al.</i> , Database EMBL, Accession No. D64006 (09/30/95) (XP 002169122)
RK	AN	3	Tabata, Database EMBL, Accession No. D90909 (10/31/96) (XP 002169130)
RK	AO	3	Tabata, Database EMBL, Accession No. D90911 (10/31/96) (XP 002169128)
RK	AP	3	Tabata, Database TREMBL, Accession No. Q55145 (11/01/96) (XP 002169127)
RK	AQ	3	Tabata, Database TREMBL, Accession No. Q55500 (11/01/96) (XP 002169123)
RK	AR	3	Walbot <i>et al.</i> , Database EMBL, Accession No. A1795655 (07/07/99) (XP 002169131)
RK	AS	3	Zhu <i>et al.</i> , "Geranylgeranyl Pyrophosphate Synthase Encoded by the Newly Isolated Gene GGPS6 from <i>Arabidopsis thaliana</i> is Localized in Mitochondria," <i>Plant Molecular Biology</i> , 35:331-341 (1997)
	AT	3	

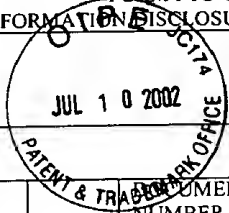
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT 		ATTY. DOCKET NO.		APPLICATION NO.		
		16515.054		09/688,069 #10		
		APPLICANTS				
		LASSNER <i>et al.</i>				
		FILING DATE		GROUP		
		October 14, 2000		1638		
FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
RK	AA1	0531639A2	03/1993	EPO	—	— Yes — No
RK	AB1	560,529	04/1944	Great Britain	—	— Yes — No
RK	AC1	00/63391	10/2000	PCT	—	— Yes — No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
RK	AD	1	International Search Report, PCT/US01/12334 (April 2002) 2002 ok			
RK	AE	1	Bevan <i>et al.</i> , TREMBL Database Accession No. O65524			
RK	AF	1	Kaneko <i>et al.</i> , EMBL Sequence Database Accession No. D90909			
RK	AG	1	Chen <i>et al.</i> , EMBL Sequence Database Accession No. AI995392			
RK	AH	1	Stocker <i>et al.</i> , "Identification of the Tocopherol-Cyclase in the Blue-Green Algae <i>Anabaena variabilis</i> KÜTZING (<i>Cyanobacteria</i>)" 76:1729-1738 (1993)			
RK	AI	1	Arango <i>et al.</i> , "Tocopherol synthesis from homogentisate in <i>Capsicum annum</i> L. (yellow pepper) chromoplast membranes: evidence for tocopherol cyclase", <i>Biochem J.</i> 336:531-533 (1998)			
RK	AJ	1	Stocker <i>et al.</i> , "The Substrate Specificity of Tocopherol Cyclase", <i>Bioorganic & Medicinal Chemistry</i> 4(7):1129-1134 (1996)			
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Russell Kallin					12/09/02	
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Washington, D.C. 20231FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Sheet 1 of 1In re the application of: Subramaniam, *et al.*Art Unit: ~~1655~~ 1638

Serial No. 09/688,069

Examiner: ~~Not Yet Assigned~~ Kallus

Filed: October 14, 2000

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	Filing Date
A1	RK	5,693,507	12/2/97	Daniell <i>et al.</i>		7/20/94

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Filing Date
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Examiner's
Desig. Initials

C1		Spurgeon <i>et al.</i>, Biosynthesis of Isoprenoid Compounds, (1981), Vol 1, pp. 1-46.				
C2		Fiedler <i>et al.</i>, 1982, <i>Planta</i>, 155:511-515.				
C3		Soll <i>et al.</i>, 1980, <i>Arch. Biochem. Biophys.</i> 204: 544-550.				
C4		Marshall <i>et al.</i>, 1985, <i>Phytochem.</i> 24: 1705-1711.				
C5		Svab <i>et al.</i>, (1990) <i>Proc. Natl. Acad. Sci. USA</i> 87:8526-8530.				
C6		Svab <i>et al.</i>, (1993) <i>Proc. Natl. Acad. Sci. USA</i> 90:913-917.				

Examiner:

Russell Kallus

Date Considered: 12/9/02

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